| Ina | lex | of | Cla | aims | ; |
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| Application/Control No. |
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10/029,972

Examiner

SEPPALA ET AL.

Applicant(s)/Patent under Reexamination

Art Unit

Nhan T. Le

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Rejected **Allowed** 

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

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|          |                 | L            | 1                              |              |  | -        | J            |  | L  | <u> </u>     |   |              |
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| Cla      | im              | T            | ]                              |              |  |          |              |  |  |              |   |              |
|          |                 | 4            | -                              |              | Γ.   | Date     |              |  |  |              |   |              |
| Final    | Original        | 1            |                                |              |  |          |              | 1  |  |              | Ī | Final        |
| "        | ō`              | 6            | -                              |              |  |          |              |  |  |              |   | "            |
| -        | 4               | $\succeq$    |                                |              | ļ <u>.</u>                                       | -        | ├─           | ⊢  | H  | ┝            | l |              |
| -        | - d             | -            | -                              |              |  | -        | -            |  |  |              | l |              |
|          | 3               | $\vdash$     | -                              |              | -  | -        | _            | -  | <del>                                     </del> | ┢            |   | ┝            |
|          | <b>♣</b>        | ┪            | $\vdash$                       | _            | $\vdash$   | ╁─       |              |  | ┢╾   | -            |   |              |
|          | 5               | ┰            |                                | _            | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$     |   | _            |
| <b></b>  | A               |              |                                |              | $\vdash$   | $\vdash$ | 一            | <del>                                     </del> | _  | -            | i | -            |
| <u> </u> | 7               |              | -                              |              |  |          |              |  |  |              | ĺ |              |
|          | 8               |              |                                |              |  |          |              |  |  |              | 1 |              |
|          | ф               |              |                                |              |  |          |              |  |  |              | 1 |              |
|          | 10              |              |                                |              |  |          |              |  |  |              |   |              |
|          | ‡               |              |                                |              |  |          |              |  |  |              |   |              |
|          | 14-<br>12<br>13 | L            |                                |              |  |          |              |  |  |              |   |              |
| <u></u>  | 13              | L            |                                |              |  |          |              |  |  | _            |   |              |
|          | 14<br>15        | _            |                                |              | L.   |          | L            |  |  | L_           |   |              |
| <u></u>  | 45              |              | <u> </u>                       |              | _  | <u> </u> | _            | <u> </u>   | _  |              |   |              |
|          | 16              | _            | <u> </u>                       | _            | <u> </u>   | <u> </u> | ļ            | ļ  |  | _            |   |              |
| <u> </u> | 17-             | ╙            | _                              |              |  | ļ        | <u> </u>     | <u> </u>   | <u></u>  | ļ            | l | <u> </u>     |
|          | 18              | V            | <u> </u>                       | _            | -  | <u> </u> | <u> </u>     |  |  | L            |   | <b> </b>     |
| -        | 19              | 1            | <u> </u>                       |              |  | ├        | <u> </u>     |  | ļ  |              | l | <u> </u>     |
|          | 20<br>21        | 0            | _                              | ⊢            |  |          | _            | -  |  | -            | ł | <u> </u>     |
| _        | 21              | 1            | <b>-</b>                       | -            |  | -        | -            | -  |  | <u> </u>     | ł |              |
| <u> </u> | 22<br>23        | Y            |                                | ├            | -  | -        |              | ├─   | $\vdash$   | _            | l | ├            |
|          | 24              | 1            | <del> </del>                   | <del> </del> | $\vdash$   | ⊢        | ┝            |  | -  |              | ĺ | <del> </del> |
|          | 25              | ŏ            | $\vdash$                       | -            | -  |          | $\vdash$     | ┢  |  |              |   | <u> </u>     |
|          | 25<br>26        | 5            |                                | $\vdash$     |  | _        | -            | -  | $\vdash$   |              | 1 |              |
|          | 27              |              | <u> </u>                       | $\vdash$     | _  |          | -            | ┢  | $\vdash$   |              |   |              |
|          | 28              | Z            |                                | $\vdash$     | $\vdash$   |          |              |  | $\vdash$   | _            | i |              |
|          | 28<br>29        | 0            |                                | Г            | Г  |          |              |  |  |              |   |              |
|          | 30              | \<br>0<br>0  |                                |              | Г  |          |              |  |  |              |   |              |
|          | 31              |              |                                |              |  |          |              |  |  |              |   |              |
|          | 31<br>32<br>33  | \            |                                |              |  |          |              |  |  |              |   |              |
|          | 33              | V            |                                |              |  |          |              | oxed   |  |              |   |              |
|          | 34<br>35        | ~            | <u></u>                        |              |  |          |              |  |  |              |   |              |
|          | 35              |              | $oldsymbol{oldsymbol{\angle}}$ |              |  |          |              | <u> </u>   |  |              |   |              |
|          | 36              | اسا          | Щ.                             | _            | ļ  | ļ        | L            | <u> </u>   |  | Ĺ            |   | <u> </u>     |
| <u> </u> | 37              |              | Ь                              | Щ.           | <u> </u>   | <u> </u> | Ш            | <u> </u>   | ļ  | Ļ            |   | <u> </u>     |
|          | 38              | $\vdash$     | <u> </u>                       | _            |  | ļ        | L            | $\vdash$   | ļ  | ļ            |   | <u> </u>     |
|          | 39              | $\vdash$     |                                |              |  |          | _            | <u> </u>   |  |              |   |              |
|          | 40              | $\vdash$     | _                              | <u> </u>     | -  |          | _            | $\vdash$   | ┝  | _            |   | <u> </u>     |
| $\vdash$ | 41<br>42        | $\vdash$     | _                              | <u> </u>     |  |          | -            | -  | <u> </u>   |              |   | <u> </u>     |
| $\vdash$ | 42              | <del> </del> |                                | -            | -  |          | <del> </del> | $\vdash$   | $\vdash$   | <u> </u>     |   | <u> — </u>   |
| $\vdash$ | 43              | <u> </u>     |                                | <u> </u>     | $\vdash$   | _        | $\vdash$     | -  |  |              | l | $\vdash$     |
| $\vdash$ | 45              | -            |                                | $\vdash$     | $\vdash$   | $\vdash$ | H            | $\vdash$   | $\vdash$   | <del>-</del> | l | $\vdash$     |
| $\vdash$ | 46              | -            |                                | -            |  | $\vdash$ | $\vdash$     | $\vdash$   | -  | -            |   | $\vdash$     |
|          | 47              | $\vdash$     | Н                              | $\vdash$     | <del>                                     </del> | -        | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$     |   | -            |
|          | 48              | П            |                                |              | Г  |          |              | Т  |  |              | l | <u> </u>     |
|          | 49              |              |                                |              |  |          |              |  |  |              |   |              |
|          | . 50            |              |                                |              |  |          |              |  |  |              |   |              |

| Cla          | aim      | Date            |          |          |          | ] | CI       | aim      | Date   |                  |   |       |            |          |         |              |               |  |  |    |
|--------------|----------|-----------------|----------|----------|----------|---|----------|----------|--|------------------|---|-------|------------|----------|---------|--------------|---------------|--|--|----|
| Final        | Original |                 |          |          |          |   |          |          |  |                  |   | Final | Original   |          |         |              |               |  |  |    |
|              | 51       |                 |          |          |          |   |          |          |  |                  | j |       | 101        |          |         |              |               |  |  | L  |
|              | 52       |                 | $\neg$   | $\neg$   | 一        | _ |          | Т        | П  |                  | 1 |       | 102        |          | 1       |              |               | П  |  | Γ  |
|              | 53       |                 |          |          |          |   |          |          |  |                  |   |       | 103        |          |         |              |               | Π  |  | Г  |
|              | 54       |                 |          |          |          |   |          |          |  | Ľ.               | ] |       | 104        |          |         |              |               |  |  |    |
|              | 55       |                 |          |          |          |   |          |          |  |                  |   |       | 105        |          |         |              |               |  |  |    |
|              | 56       |                 |          |          |          |   |          |          |  |                  |   |       | 106        |          |         |              |               |  |  |    |
|              | 57       |                 |          |          |          |   |          |          |  |                  | Ì |       | 107        |          |         | _            |               |  | _  | L  |
|              | 58       | $\sqcup$        |          | _        | _        |   |          |          | L  | L                |   |       | 108        |          |         |              | ļ.,           | L  | L  | L  |
|              | 59       |                 | $\perp$  |          | _        |   |          |          | L_   | <u> </u>         |   |       | 109        | _ _      | $\perp$ | $oxed{oxed}$ | ┖             | <u> </u>   | ╙  | L  |
|              | 60       | $\sqcup$        | 4        | _        | _        |   | _        | <u> </u> | L  | L.               | į |       | 110        | _        |         | <b> </b>     | <u> </u>      | <u> </u>   | <u> </u>   | ╀  |
| L            | 61       | $\perp$         | $\dashv$ | 4        | _        |   | ļ        | ļ        |  | ļ                |   |       | 111        |          |         | $\vdash$     |               | <u> </u>   | <u> </u>   | ╀  |
|              | 62       | $\vdash$        | $\dashv$ | 4        | _        |   |          | <u> </u> | _  | <u> </u>         |   |       | 112        |          |         | ↓_           | <u> </u>      | ļ  | ┞  | ╄  |
| ļ            | 63       | $\vdash$        | +        | 4        | -        |   |          | _        | ļ  | ļ                |   |       | 113        | -        | +       | -            | ├             | ├  | ┡  | ╀  |
| <b>├</b>     | 64       | $\vdash$        | -        |          |          | - | <u> </u> | ļ        | -  | ├                | ŀ |       | 114        | _        | _       | -            | _             | ⊢  | ⊢  | ╀  |
| <u> </u>     | 65       |                 | $\dashv$ | -        | -        | _ | <u> </u> | ┝        | <u> </u>   | <u> </u>         |   |       | 115        |          |         | -            | <b>-</b>      | ├  | -  | ╄  |
| <u> </u>     | 66       | -               | $\dashv$ | -        | -        | _ | <u> </u> | ├—       | -  | ļ                |   |       | 116        |          |         | ╄            | <u> </u>      | -  | ┢  | ╄  |
| ├            | 67       | $\vdash$        | -        |          |          |   | -        | -        | $\vdash$   | <u> </u>         | ł |       | 117        |          | +-      | +            | ┝             | ŀ  | ⊢  | ╀  |
| ├            | 68       | ╀               | $\dashv$ | +        | -        |   | <u> </u> | -        |  |                  |   |       | 118        | +        | +-      | +            | -             | ⊢  | ╁  | ╁  |
| ├            | 69<br>70 | $\vdash$        | -        | +        |          | _ | -        | ├        | <del> </del>                                     | ⊢                |   |       | 119<br>120 |          |         | ┼            | ╁             |  | ├  | ╁  |
| <u> </u>     | 71       |                 |          | $\dashv$ | -        | _ | _        | ├        | ├  | -                |   |       | 121        |          | +       | ╁┈           |               |  | ┢  | ╁  |
| <del> </del> | 72       | $\vdash$        | +        | +        | $\dashv$ | - |          | -        |  | -                |   |       | 122        | $\dashv$ | +       | $\vdash$     | ┢             | ┢  | ⊢  | ╁  |
| <b></b>      | 73       | ┢┈╆             | +        | $\dashv$ | -        |   |          | ┢        | ┢  | ⊢                |   |       | 123        | $\dashv$ | +       | +            | ┢             | ┢  | ┢  | ╁  |
| <del></del>  | 74       | $\vdash$        | +        | +        | -        |   | $\vdash$ | ┝        | ┢  | -                |   |       | 124        |          |         | +            | -             | ┢  | $\vdash$   | ╁╌ |
|              | 75       | $\vdash$        | $\dashv$ | +        | -        |   |          | -        | ┢  | $\vdash$         |   |       | 125        |          | +-      | ╁            | $\vdash$      | $\vdash$   | $\vdash$   | 十  |
|              | 76       | $\vdash$        | $\dashv$ | $\dashv$ |          |   |          | -        | <del>                                     </del> | <del> </del>     |   |       | 126        | $\top$   | +-      |              |               | ┢  | -  | T  |
|              | 77       |                 | 十        | _        | 7        |   |          |          | <u> </u>   |                  |   |       | 127        | _        | _       | 1            | $\vdash$      | 一  | $\vdash$   | T  |
|              | 78       |                 | _        | _        | _        |   |          | <u> </u> | ┢  |                  |   |       | 128        | _        | +       | T            | $\vdash$      | $\vdash$   |  | ⇈  |
|              | 79       |                 | 7        | _        | 寸        |   |          |          | T  |                  |   |       | 129        |          |         | $\top$       |               |  |  | Т  |
|              | 80       |                 | T        | T        | $\neg$   |   |          |          |  |                  |   |       | 130        |          |         |              |               |  |  | T  |
|              | 81       |                 | 1        | Ī        |          |   |          | Π        |  |                  |   |       | 131        |          |         |              |               |  |  | Г  |
|              | 82       | П               |          |          | $\Box$   |   |          |          |  |                  |   |       | 132        |          |         |              |               |  |  | Γ  |
|              | 83       |                 |          |          |          |   |          |          |  |                  |   |       | 133        |          |         |              |               |  |  |    |
|              | 84       |                 |          |          |          |   |          |          |  |                  |   |       | 134        |          |         |              |               |  |  |    |
|              | 85       | Ш               |          |          |          |   |          | L        | <u></u>  | <u> </u>         | ļ |       | 135        | $\perp$  |         | L            | <u> </u>      |  | <u> </u>   | L  |
|              | 86       | $\sqcup$        |          |          |          |   |          | <u> </u> | _  | L                |   |       | 136        |          |         | _            | <u> </u>      | <u> </u>   | <u> </u>   | L  |
|              | 87       | $\sqcup$        | _        | _        | _        |   | ·        | <u> </u> | L_   |                  |   |       | 137        |          | $\perp$ | <u> </u>     | _             | <u> </u>   | L.   | L  |
|              | 88       | $\sqcup$        | _        | _        |          |   |          | L        | <u> </u>   |                  |   |       | 138        | _        |         | _            | <u> </u>      | <u> </u>   | <u> </u>   | L  |
| <u> </u>     | 89       | $\sqcup$        | 4        | _        |          |   |          | ļ        | L.   | _                |   |       | 139        |          | $\perp$ |              | <u> </u>      |  | <u> </u>   | ╀  |
|              | 90       | $\vdash \vdash$ | -        | _        | _        |   |          |          | <u> </u>   | _                |   |       | 140        |          | -       | 1_           | <u> </u>      |  | _  | ╄  |
|              | 91       | -               | +        | 4        | _        |   |          | <u> </u> | <u> </u>   | <u> </u>         |   |       | 141        | _        | -       | -            | -             | _  |  | ₽  |
| ├─           | 92       | ⊢∔              | +        |          |          |   | L        | ١        |  |                  |   |       | 142        | -        | ┿       | ╁            | ₩             | -  | ┡  | ╄  |
|              | 93       | $\vdash$        | +        | +        |          |   |          | -        | -  | <del> </del>     |   |       | 143<br>144 |          | +-      | ┼            | ├             |  | ├  | ╁  |
| <del></del>  | 94<br>95 | ┯               |          | +        |          |   |          | -        |  | -                |   |       | 144        | $\dashv$ | +       | +            | $\vdash$      | ├  | -  | ╁  |
| <b>—</b>     | 96       |                 | +        | +        | +        |   | _        | $\vdash$ | $\vdash$   | <del>  -  </del> | 1 |       | 146        |          | +-      | +-           | -             | ╁  |  | +  |
| <u> </u>     | 97       | $\vdash$        | +        | +        | -        |   | _        | $\vdash$ | $\vdash$   | 1                | 1 |       | 147        | -        | +-      | +-           | $\vdash$      | ├  | ┢  | +  |
|              | 98       | $\vdash \vdash$ | $\dashv$ | +        | +        |   |          | H        | <del> </del>                                     | H                | 1 |       | 148        | -        | +-      | +-           | ╁             | <del>                                     </del> | <del>                                     </del> | t  |
|              | 99       | $\vdash$        | 十        | $\dashv$ | 7        |   | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$         | 1 |       | 149        | $\neg$   | $\top$  | $\vdash$     | † <del></del> | <del>                                     </del> |  | 忊  |
| <u> </u>     | 100      | $\sqcap$        | ┪        | $\dashv$ | 7        | - |          | Ι.       |  |                  | 1 |       | 150        |          | 1       | T            | T             |  | Г  | T  |
|              |          |                 |          |          |          |   |          |          |  | ٠                | , |       |            |          |         |              |               |  |  | _  |